INTRODUCTION :

The AT I/O Card, it can used by all personal computer which are in compatible with 16 BIT personal computer or IBM PC. It provides your system 3 majors function:

1) PARALLEL PRINTER PORT (LPT1,LPT2)
2) 2 SERIAL COMMUNICATION PORT (COM1, COM2, COM3, COM4)
3) GAME ADAPTER

JUMPER'S CONFIGURATION

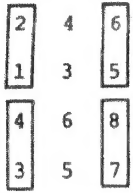
1. GAME (JP5)

close is enable

2
1

open is disable

2. PRINTER (JP4)

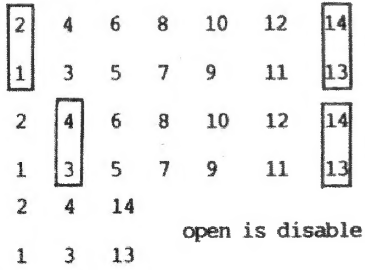


LPT1 is enable

LPT2 is enable

all open is disable

3. ASYN1 (JP6):

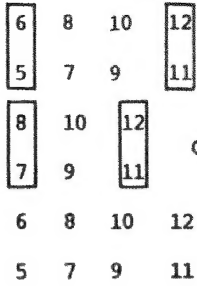


COM1 is enable

COM3 is enable

open is disable

2. ASYN 2 (JP6) :



COM 2 is enable

COM 4 is enable

all open disable

LOCATION OF PORT :

Game Adapter	:	&H200
Printer Port	:	LPT1: = &H378 , INT = IRQ7
		LPT2: = &H278 , INT = IRQ5
ASYN 1	:	COM1: = &H3F8 , INT = IRQ4
		COM3: = &H3E8 , INT = IRQ4
ASYN 2	:	COM2: = &H2F8 , INT = IRQ3
		COM4: = &H2E8 , INT = IRQ3

Pin Assignments of Port :

ASYN. Port
(ASYN1 & ASYN2)

Pin 1 : CARRIER DEP.
Pin 2 : RX DATA
Pin 3 : TX DATA
Pin 4 : EIA DTR
Pin 5 : GROUND
Pin 6 : EIA DSR
Pin 7 : EIA RTS
Pin 8 : EIA CTS
Pin 9 : RING IDC
Pin 10: NOT USED

PRINTER PORT

Pin 1 : STROBE
Pin 2 : DATA BIT 0
Pin 3 : DATA BIT 1
Pin 4 : DATA BIT 2
Pin 5 : DATA BIT 3
Pin 6 : DATA BIT 4
Pin 7 : DATA BIT 5
Pin 8 : DATA BIT 6
Pin 9 : DATA BIT 7
Pin 10: ACK.
Pin 11: BUSY
Pin 12: P. END
Pin 13: SELECT
Pin 14: AUTO FEED
Pin 15: ERROR
Pin 16: INIT
Pin 17: SEL. INPUT
Pin 18-25 : GROUND